

January 6, 2006
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 2 of 15

CLAIM AMENDMENTS:

Please amend the claims as follows so that the claims currently pending read as follows, wherein no new matter has been added to the claims:

1-20. (Cancelled)

21. (Previously Presented) A method of tuning a hands-free system in a mobile vehicle, the method comprising:

receiving a plurality of vehicle condition inputs, including at least one road input based on global positioning coordinates, via a vehicle communication bus;

creating a noise parameter based on the vehicle condition inputs; and

adjusting a noise suppression algorithm of the hands-free system based on the created noise parameter.

22. (Cancelled)

23. (Previously Presented) The method of claim 21 wherein the plurality of vehicle condition inputs includes an external vehicle climate input based on the weather outside the vehicle.

24. (Previously Presented) The method of claim 21 wherein the plurality of vehicle condition inputs includes an audio-device input based on the type and intensity level of ambient noise.

25. (Previously Presented) The method of claim 21 wherein the road input is received from a call center using at least one of the group consisting of a wireless carrier system, a communication network and a land network.

January 6, 2006
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 3 of 15

26. (Previously Presented) The method of claim 21 further comprising determining a change in a type of road input based on the received road input, and wherein the noise suppression algorithm is adjusted in response to a change in the type of road input.

27. (Previously Presented) The method of claim 21 further comprising adjusting the noise suppression algorithm in response to at least one of the group consisting of an internal vehicle climate, an external vehicle climate, an audio-device modification, a change in the level of sound emitted by a vehicle engine component, an internal vehicle condition, and an external vehicle condition.

28. (Previously Presented) A method of tuning a hands-free system in a mobile vehicle, the method comprising:
determining if the mobile vehicle has moved onto a new road based on a GPS location;
sending the GPS location to a call center based on the determination;
receiving a road input from the call center in response to the sending; and
adjusting a noise parameter for the hands-free system based on the received road input.

29. (Previously Presented) The method of claim 28 further comprising adjusting the noise suppression algorithm in response to at least one of the group consisting of an internal vehicle climate, an external vehicle climate, an audio-device modification, a change in the level of sound emitted by a vehicle engine component, an internal vehicle condition, and an external vehicle condition.

30. (Previously Presented) The method of claim 28 wherein the road input is received from the call center using at least one of the group consisting of a wireless carrier system, a communication network and a land network.

January 6, 2006
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 4 of 15

31. (Previously Presented) A method of tuning a hands-free system in a mobile vehicle, the method comprising:
receiving a GPS location from the mobile vehicle at a call center;
determining a road input based on the received GPS location and a geographic information systems database; and
sending the road input from the call center to the mobile vehicle.

32. (Previously Presented) The method of claim 31 wherein the road input is received from the call center using at least one of the group consisting of a wireless carrier system, a communication network and a land network.

33. (Previously Presented) A method of tuning a hands-free system in a mobile vehicle, the method comprising:
receiving a GPS location at a telematics unit;
determining a road input based on the received GPS location and a geographic information systems database; and
adjusting a noise parameter for the hands-free system based on the determined road input.

34. (Previously Presented) The method of claim 33 further comprising adjusting the noise suppression algorithm in response to at least one of the group consisting of an internal vehicle climate, an external vehicle climate, an audio-device modification, a change in the level of sound emitted by a vehicle engine component, an internal vehicle condition, and an external vehicle condition..

January 6, 2006
Case No.: GP-304038 (2760/158)
Serial No.: 10/784,569
Filed: February 23, 2004
Page 5 of 15

35. (Previously Presented) The method of claim 33 wherein the GPS location is received from a GPS unit via a vehicle communication bus.

36. (Previously Presented) The method of claim 33 wherein the GPS location is received in response to a determination that the mobile vehicle has moved onto a new road.